

## Historical Floods: Rappahannock River at Fredericksburg

Latitude: 38.3

Period of Record: 1889-Present

Longitude: -77.467

Flood Stage: 18 ft

Last Flood: 3/21/1998

Number of Floods: 20

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/1/1889	32.20	-9,999	Major	*** NWS
5/23/1901	27.20	-999	Moderate	*** NWS
4/16/1918	19.50	-9,999	Minor	(5)
5/13/1924	25.10	-9,999	Moderate	(5)
10/1/1924	22.80	-9,999	Moderate	(5)
10/23/1929	18.50	-9,999	Minor	(5)
3/18/1936	18.10	-9,999	Minor	(5)
4/26/1937	39.10	-9,999	Major	(5)
10/16/1942	42.60	-9,999	Major	(5)
12/5/1950	18.20	-9,999	Minor	(5)
8/19/1955	26.90	-9,999	Moderate	(5)
6/22/1972	39.10	-9,999	Major	(5)
11/6/1985	20.00	-9,999	Minor	(5)
3/5/1993	22.10	-9,999	Moderate	(5)
6/29/1995	25.10	-9,999	Moderate	(5)
1/20/1996	20.50	-9,999	Minor	(5)
9/8/1996	26.90	-9,999	Moderate	(5)
2/5/1998	19.20	-9,999	Minor	(5)
2/18/1998	18.00	-9,999	Minor	(5)
3/21/1998	18.10	-9,999	Minor	(5)

Drainage Area: 1596 sq mi

Gage Datum: -1.4 ft MSL

Rappahannock Basin

Spotsylvania County

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Category

Code

-9999 signifies missing data

### MARFC Codes

Code Description

(!!!) Datum changed during this year.

(1) Backwater Effect.

(2) 15.77 ft also occurred on 11/25/1950 but only counted as one flood.

(3) Estimated from current USGS rating table.

(4) Estimated height from the USGS.

(5) Gage height at a different site and/or datum

(6) Discharge affected by Regulation or Diversion

(7) Due to changes, prior floods were based on present flood stage. Therefore, flood data could possibly be incomplete.

(8) Gage is a staff gage and not the official USGS gage. Therefore, some floods may be missing from our study.

(9) Discharge effected by snow-melt, ice jam or debris jam break up

(A) Discharge affected to unknown degree by regulation or diversion.

(B) Month or day of occurrence is unknown or not exact.

(C) All or part of the record affected by urbanization, mining, agricultural changes, channelization, or other factors.

(D) Crest height adjusted to current datum.

(E) Estimated discharge.

(F) Only annual maximum peak available for this year.

(O) This flood occurred at a previous flood stage that is lower than the current flood stage. This is only a historical flood.

\*\* Crest information looks reasonable despite potential problems. This data was used in our study.

\*\*\* Crest information looks unreliable and incomplete and was not used in our flood frequency study.

\*\*\*\* Gauge was discontinued in 2004. 2004 and later was not used in our study.

none No code

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